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SEARCHES**DATE:** November 2, 2004**PLEASE DELIVER THE FOLLOWING PAGES TO:****NAME:** United States Patent Office **FAX NO.:** (703) 872-9306**LOCATION:** United States Patent Office**FROM:** Robert W. Nelson, Esq. - KLAAS, LAW, O'MEARA & MALKIN, P.C.**RE:** U.S. Patent Application Serial No. 09/532,398  
Response  
Examiner: Fred O. Ferris III  
Our Ref.: HP-809  
HP Ref.: 10991881-1**TOTAL NO. OF PAGES** (Including Transmittal Sheet) -16-**IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL IMMEDIATELY.****OFFICE:** (303) 298-9888**FAX:** (303) 297-2266**COMMENTS:** Please find enclosed Transmittal (in duplicate), Response (13 pages)  
and Fax Cover Sheet.**CONFIDENTIALITY NOTICE**

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ATTORNEY DOCKET NO. 10991888-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul A. Boerger, et al.

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Confirmation No.: 8092

Application No.: 09/532,398

Examiner: Fred Ferris III

Filing Date: March 22, 2000

NOV 02 2004

Group Art Unit: 2128

Title: HARDWARE MODELING OF LED RELATIVE BRIGHTNESS

Mail Stop AF  
Commissioner For Patents  
PO Box 1450  
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## TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee  
( ) Other: \_\_\_\_\_ (fee \$ \_\_\_\_\_)

| CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY       |  |                        |  |                         |             |                           |
|--|--|------------------------|--|-------------------------|-------------|---------------------------|
| (1)<br>FOR   | (2)<br>CLAIMS REMAINING<br>AFTER AMENDMENT | (3)<br>NUMBER<br>EXTRA | (4)<br>HIGHEST NUMBER<br>PREVIOUSLY PAID FOR | (5)<br>PRESENT<br>EXTRA | (6)<br>RATE | (7)<br>ADDITIONAL<br>FEES |
| TOTAL<br>CLAIMS                                      | 29   | MINUS                  | 29   | = 0                     | X \$18      | \$ 0                      |
| INDEP.<br>CLAIMS                                     | 4  | MINUS                  | 4  | = 0                     | X \$88      | \$ 0                      |
| [ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM |  |                        |  |                         | + \$300     | \$ 0                      |
| EXTENSION<br>FEE                                     | 1ST MONTH<br>\$110.00                      | 2ND MONTH<br>\$430.00  | 3RD MONTH<br>\$980.00                        | 4TH MONTH<br>\$1530.00  |             | \$ 0                      |
| OTHER FEES   |  |                        |  |                         |             | \$                        |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT              |  |                        |  |                         |             | \$ 0                      |

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Respectfully submitted,

Paul A. Boerger, et al.

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By RW Nelson

Typed Name: Kalya Black

Robert W. Nelson, Esq.

Signature: Kalya Black

Attorney/Agent for Applicant(s)  
Reg. No. 37,898

Date: Nov. 2, 2004

Telephone No.: (303) 298-9888

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10991888-1

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul A. Boerger, et al.

Confirmation No.: 8092

Application No.: 09/532,398

Examiner: Fred Ferris III

Filing Date: March 22, 2000

Group Art Unit: 2128

Title: HARDWARE MODELING OF LED RELATIVE BRIGHTNESS

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Commissioner For Patents  
PO Box 1450  
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| OTHER FEES   |  |                        |  |                         |             | \$                        |
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Paul A. Boerger, et al.

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Number of pages: 15

By Robert W. Nelson

Typed Name: Kelyn Black

Robert W. Nelson, Esq.

Signature: Kelyn Black

Attorney/Agent for Applicant(s)  
Reg. No. 37,898

Date: Nov. 2, 2004

Telephone No.: (303) 298-9888

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

BOERGER, Paul A. et al.

Serial No. 09/532,398

Filing Date: March 22, 2000

For: HARDWARE MODELING OF  
LED RELATIVE BRIGHTNESS

Confirmation No.: 8092

Examiner: FERRIS III, Fred O.

Group Art Unit: 2128

Atty. Docket No.: 10991888-1

RESPONSE TO OFFICE ACTION MAILED AUGUST 6, 2004

To: Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action of August 6, 2004, the applicants respond as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.

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